

2006 Professional Development Conference Technology Education Schedule

Monday, August 7, 2006

6:30 pm NDTEA Board of Directors Meeting
Room 2130
Renee Wilson, NDTEA President

Tuesday, August 8, 2006

6:30 pm Golf Tournament
Pebble Creek Golf Course
Register Monday at the Career Development Table

Wednesday, August 9, 2006

8:00 am NDTEA Annual Meeting
Heart Room
Renee Wilson, NDTEA President

9:00 am Must See TE – Preparing for the 2006-07 School Year
Heart Room
Don Fischer, Technology Education State Supervisor

10:00 am Break

10:15 am HIGH SCHOOL SESSION
Foundations of Technology
Sheyenne Room
Dr. Michael Daugherty, Professor – University of Arkansas
Participants will examine curriculum materials from the CATTS Curriculum Consortium. This session will provide an overview of Foundations of Technology Model Course Guide. Participants will complete a sample activity and be provided with sample curriculum materials and strategies for implementing the curriculum.

MIDDLE SCHOOL SESSION

Geared Up For Math
Heart Room
Mark Sand, Steele-Dawson Public School
Participants will be involved in a hands-on gear ratio activity using Lego gears to design a winch that will pull the most weight. Also, the middle school TSA competitive event, Transportation Challenge, will be shown as an example.

11:45 am Lunch (on your own)

1:15 pm HIGH SCHOOL SESSION
 Foundations of Technology (continued)
 Sheyenne Room
 Dr. Michael Daugherty, Professor – University of Arkansas

MIDDLE SCHOOL SESSION
 Problem Solving isn't just math problems
 Heart Room
 Tanya Mattson, Carl Ben Eielson Middle School – Fargo
 Description to follow

2:45 pm Break

3:00 pm HIGH SCHOOL SESSION
 Foundations of Technology (continued)
 Sheyenne Room
 Dr. Michael Daugherty, Professor – University of Arkansas

MIDDLE SCHOOL SESSION
 TBA

4:30 pm Professional Development Conference Ends

Thursday, August 10, 2006

8:00-4:30 Post-Conference Workshop – Separate Registration Required - \$20
 Payable to NDTEA and sent to: Don Fischer, 4439 Turnbow Lane,
 Bismarck ND 58503 Graduate credit will be available

ProBase Advanced Design Applications & ProBase Advanced
Technological Applications
Wachter Middle School – Technology Education Facility
Dr. Michael Daugherty, Professor – University of Arkansas
This workshop will introduce participants to some basic concepts
required to teach ProBase, a standards-based, engineering-related
curriculum series, which is being marketed and distributed through
ITEA-CATTS. Participants will explore and experience hands-on,
constructivist activities contained within the curriculum. Participants
will receive a complete set of ProBase curriculum, which includes
eight separate nine-week learning units and materials from the
ProBase Professional Development Manual.

Friday, August 11, 2006

8:00-3:30 Continuation of the ProBase Workshop